

26 05 09-02

map #4

PATENTS  
107044-0013



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Xiaoming Ren et al. )  
Serial No.: 10/078,601 )  
Filed: February 19, 2002 )  
For: SIMPLIFIED DIRECT OXIDATION )  
FUEL CELL SYSTEM )

Examiner: Not yet assigned

Art Unit: 3753

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
May 8, 2002

"Express Mail" Mailing-Label Number: EL 736451788 US

Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**INFORMATION-DISCLOSURE STATEMENT**

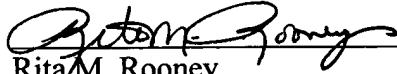
In keeping with the duty of candor and good faith owed to the Patent and Trade-mark Office, Applicants wish to bring to the Examiner's attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

To the extent required by 37 C.F.R. §1.98(a)(3), Applicants have described what they consider to be the relevance of any foreign-language reference. It is understood that the Office may find additionally relevant material in these or other references.

PATENTS  
107044-0013

Please charge any additional fee occasioned by this paper to our Deposit Account  
No. 03-1237.

Respectfully submitted,

  
Rita M. Rooney  
Reg. No. 30,585  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210-2414  
(617) 951-2500

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/P/O

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet

1

**of**

2

**Compleat if Kn wn**

Application Number

10/078,601

Filing Date

February 19, 2002

First Named Inventor

Xiaoming Ren et al.

### Group Art Unit

3753

**Examiner Name**

Not yet assigned

Attorney Docket Number

107044-0013

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	4,673,624		Hockaday	06/16/1987	
	2	4,810,597		Kumagai et al.	03/07/1989	
	3	5,523,177		Kosek et al.	06/04/1996	
	4	5,573,866		Van Dine et al.	11/12/1996	
	5	5,599,638		Surampudi et al.	02/04/1997	
	6	5,631,099		Hockaday	05/20/1997	
	7	5,723,228		Okamoto	03/03/1998	
	8	5,759,712		Hockaday	06/02/1998	
	9	5,766,786		Fleck et al.	06/16/1998	
	10	5,773,162		Surampudi et al.	06/30/1998	
	11	5,795,668		Banerjee	08/18/1998	
	12	5,916,699		Thomas et al.	06/29/1999	
	13	5,945,231		Narayanan et al.	08/31/1999	
	14	5,992,008		Kindler	11/30/1999	

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial, if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	10/078,601
Filing Date	February 19, 2002
First Named Inventor	Xiaoming Ren et al.
Group Art Unit	3753
Examiner Name	Not yet assigned
Attorney Docket Number	107044-0013

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	"Fuel Cell", 1992 Fuel Cell Seminar, Program and Abstracts, pp. 233-236, 461-464.	
	2	"Miniaturized Fuel Cells for Portable Power", Helen L. Maynard and Jeremy P. Meyers, Lucent Technologies, 2000.	
	3	"Pocket-size PEMs", Paul Sharke, Mechanical Engineering.	
	4	"Polymer Electrolyte Fuel Cells as Potential Power Sources for Portable Electronic Devices", Shinshon Gottesfeld and Mahlon S. Wilson, pp. 486-517.	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.